PART B - FEE(S) TRANSMITTAL Complete and send this form, together ... applicable fee(s), to: Mail Mail Stop ISS. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885 INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. 7590 03/16/2007 CERTIFICATION OF TRANSMISSION Julie H. Richardson I hereby certify that this correspondence is being transmitted Myers Bigel Sibley & Sajovec, P.A. electronically to the U.S. Patent and Trademark Office. P.O. Box 37428 Raleigh, NC 27627 Rosa Lee Brinson (Depositor's name (Signature) June 5, 2007 CONFIRMATION NO. ATTORNEY DOCKET NO. APPLICATION NO. FIRST NAMED INVENTOR FILING DATE 9062-27 4763 10/22/2003 Russell Reeve 10/691.103 TITLE OF INVENTION: METHODS, SYSTEMS AND COMPUTER PROGRAMS FOR DECONVOLVING THE SPECTRAL CONTRIBUTION OF CHEMICAL CONSTITUENTS WITH OVERLAPPING SIGNALS DATE DUE PREV, PAID ISSUE FEE TOTAL FEE(S) DUE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE APPLN, TYPE 06/18/2007 \$0 \$1700 \$1400 \$300 nonprovisional ART UNIT CLASS-SUBCLASS **EXAMINER** BARAN, MARY C 702-019000 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list MYERS BIGEL SIBLEY & SAJOVEC PA (1) the names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE LipoScience, Inc. Raleigh, NC 27616 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) 4a. The following fee(s) are submitted: Issue Fee A check is enclosed. Payment by credit card. Form PTO-2038 is attached. Publication Fee (No small entity discount permitted) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-0220 (enclose an extra copy of this fo Advance Order - # of Copies\_ (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

40,142

Registration No.

Julie H. Richardson

Authorized Signature

Typed or printed name